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<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence during pendency of filed application)</i>	0001/PTO Rev. 10/95	U.S. Department of Commerce Patent and Trademark Office	Application Number	09/846,823
			Filing Date	April 30, 2001
			First Named Inventor	Ted E. Dunning
			Group Art Unit Number	3622
			Examiner Name	Yehdega Retta
Total Number of Pages in This Submission		41	Attorney Docket Number	22227-04647

ENCLOSURES (check all that apply)	
<input checked="" type="checkbox"/> Fee Transmittal Form (in duplicate) <input checked="" type="checkbox"/> Check Enclosed <input checked="" type="checkbox"/> Return Receipt Postcard <input type="checkbox"/> Response to Notice to File Missing Parts <input type="checkbox"/> Assignment & Recordation Cover Sheet <input type="checkbox"/> Declaration <input type="checkbox"/> Power of Attorney <input type="checkbox"/> Application Data Sheet <input type="checkbox"/> Information Disclosure Statement & PTO/SB/08A <input type="checkbox"/> Copies of IDS Cited References <input type="checkbox"/> Request for Corrected Filing Receipt <input type="checkbox"/> Request for Correction of Recorded Assignment <input checked="" type="checkbox"/> Amendment A/Response: 38 Pages <input type="checkbox"/> After Final <input type="checkbox"/> Status Request <input type="checkbox"/> Revocation and Substitute Power of Attorney	<input type="checkbox"/> Issue Fee Transmittal <input type="checkbox"/> Letter to Chief Draftsperson <input type="checkbox"/> Formal Drawing(s): [ ] Sheet(s) of Figure(s) [ ] <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
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SIGNATURE OF ATTORNEY OR AGENT			
Signature:			
Attorney/Reg. No.:	Amir H. Raubvogel, Reg. No.: 37,070	Dated:	May 5, 2004

CERTIFICATE OF MAILING			
I hereby certify that this correspondence, including the enclosures identified above, is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. If the Express Mail Mailing Number is filled in below, then this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service pursuant to 37 CFR 1.10.			
Signature:			
Typed or Printed Name:	Amir H. Raubvogel	Dated:	May 5, 2004
Express Mail Mailing Number (optional):			

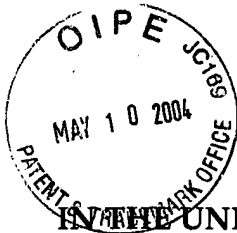
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<h1 style="margin:0;">FEE TRANSMITTAL</h1> <h2 style="margin:0;">for FY 2004</h2> <p style="margin:0; font-size: small;">Patent fees are subject to annual revision.</p>		<p><i>Complete if Known</i></p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Application Number</td><td>09/846,823</td></tr> <tr><td>Filing Date</td><td>April 30, 2001</td></tr> <tr><td>First Named Inventor</td><td>Ted E. Dunning</td></tr> <tr><td>Examiner Name</td><td>Yehdega Retta</td></tr> <tr><td>Art Unit</td><td>3622</td></tr> <tr><td>Attorney Docket No.</td><td>22227-04647</td></tr> </table>		Application Number	09/846,823	Filing Date	April 30, 2001	First Named Inventor	Ted E. Dunning	Examiner Name	Yehdega Retta	Art Unit	3622	Attorney Docket No.	22227-04647
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<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		<div style="font-size: 2em; font-weight: bold; transform: rotate(-5deg); display: inline-block;">RECEIVED</div> MAY 13 2004													
<b>TOTAL AMOUNT OF PAYMENT (\$)</b> 55.00		<div style="font-size: 2em; font-weight: bold; transform: rotate(-5deg); display: inline-block;">GROUP 3600</div>													

<p><b>METHOD OF PAYMENT</b> (check all that apply)</p> <p> <input checked="" type="checkbox"/> Check           <input type="checkbox"/> Credit Card           <input type="checkbox"/> Money Order           <input type="checkbox"/> Other           <input type="checkbox"/> None       </p> <p><input type="checkbox"/> Deposit Account:</p> <p>         Deposit Account Number: <span style="border: 1px solid black; padding: 2px;">19-2555</span>          Deposit Account Name: <span style="border: 1px solid black; padding: 2px;">Fenwick &amp; West LLP</span> </p> <p>The Commissioner is authorized to: (check all that apply)</p> <p> <input type="checkbox"/> Charge fee(s) indicated below           <input checked="" type="checkbox"/> Credit any overpayments  <input checked="" type="checkbox"/> Charge all required fee(s) or any underpayment of fee(s) due under 37 CFR §1.16 or §1.17 during the pendency of this application  <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee       </p> <p>to the above-identified deposit account.</p>	<p style="text-align: center;"><b>FEE CALCULATION (continued)</b></p> <p><b>3. ADDITIONAL FEES</b></p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>1051</td><td>130</td><td>2051</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>1052</td><td>50</td><td>2052</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>1053</td><td>130</td><td>1053</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>1812</td><td>2,520</td><td>1812</td><td>2,520</td><td>For filing a request for <i>ex parte</i> reexamination</td><td></td></tr> <tr><td>1804</td><td>920*</td><td>1804</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>1805</td><td>1,840*</td><td>1805</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>1251</td><td>110</td><td>2251</td><td>55</td><td>Extension for reply within first month</td><td>55</td></tr> <tr><td>1252</td><td>420</td><td>2252</td><td>210</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>1253</td><td>950</td><td>2253</td><td>475</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>1254</td><td>1,480</td><td>2254</td><td>740</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>1255</td><td>2,010</td><td>2255</td><td>1,005</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>1401</td><td>330</td><td>2401</td><td>165</td><td>Notice of Appeal</td><td></td></tr> <tr><td>1402</td><td>330</td><td>2402</td><td>165</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>1403</td><td>290</td><td>2403</td><td>145</td><td>Request for oral hearing</td><td></td></tr> <tr><td>1451</td><td>1,510</td><td>1451</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>1452</td><td>110</td><td>2452</td><td>55</td><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td>1453</td><td>1,330</td><td>2453</td><td>665</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>1501</td><td>1,330</td><td>2501</td><td>665</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>1502</td><td>480</td><td>2502</td><td>240</td><td>Design issue fee</td><td></td></tr> <tr><td>1503</td><td>640</td><td>2503</td><td>320</td><td>Plant issue fee</td><td></td></tr> <tr><td>1460</td><td>130</td><td>1460</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>1807</td><td>50</td><td>1807</td><td>50</td><td>Processing fee under 37 CFR 1.17(g)</td><td></td></tr> <tr><td>1806</td><td>180</td><td>1806</td><td>180</td><td>Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>8021</td><td>40</td><td>8021</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>1809</td><td>770</td><td>2809</td><td>385</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr> <tr><td>1810</td><td>770</td><td>2810</td><td>385</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr> <tr><td>1801</td><td>770</td><td>2801</td><td>385</td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>1802</td><td>900</td><td>1802</td><td>900</td><td>Request for expedited examination of a design application</td><td></td></tr> <tr><td colspan="6">Other fee (specify) _____</td></tr> <tr> <td colspan="4" style="text-align: right;"><b>SUBTOTAL (1)</b></td> <td colspan="2" style="text-align: right;">(\$)</td> </tr> <tr> <td colspan="4" style="text-align: right;">0.00</td> <td colspan="2"></td> </tr> </tbody> </table> <p><b>2. 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<b>SUBMITTED BY</b>			<i>Complete (if applicable)</i>	
Name (Print/Type)	Amir H. Raubvogel	Registration No. (Attorney/Agent)	37,070	Telephone (650) 335-7276
Signature			Date	May 5, 2004



3622.  
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UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Ted E. Dunning and Bradley D. Kindig  
SERIAL NO: 09/846,823  
FILING DATE: April 30, 2001  
TITLE: Relationship Discovery Engine  
EXAMINER: Yehdega Retta  
ART UNIT: 3622  
ATTY. DKT. NO.: 22227-04647

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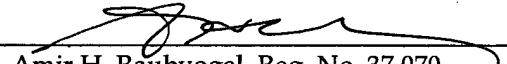
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CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Dated: May 5, 2004

By:

  
Amir H. Raubvogel, Reg. No. 37,070

MAIL STOP AMENDMENT  
COMMISSIONER FOR PATENTS  
P.O. BOX 1450  
ALEXANDRIA, VA 22313-1450

AMENDMENT A

SIR:

The following amendments and remarks are in response to the Office Action dated January 22, 2004.